

**In the specification:**

Please replace page 6, second paragraph of the revised clean copy of the specification on record as follow:

In the fundamental aspect of the invention, a table is formed to define one or more configuration states, which may include input and/or output information. When an input qualifying condition of a configuration state is satisfied, it will ~~be~~ cause a response of a specific sequence of action represented in another table called an event table or path table. At least one configuration state is to be specified as the active state. This early version of Table Format programming method designed for micro-controllers was described in applicant's issued US Patent 5,867,818 and UK Patent GB2306024. The present application is directed to various enhancement of the fundamental concept resulted from years of intense research to improve the servicing scope of the technology.